



# MARITIME J. M. The Rhumb Line

Shipbuilding Traditions & Seafaring Adventures!

April 2010

Number 61



## The Scottish Engineer

"I canna hold her, Captain! She's breaking up!"

Why are ship engineers "always" Curator of Exhibits Scotsmen? This stereotype has most recently gone where no man has gone before in the beloved Star Trek character of Montgomery "Scotty" Scott, chief engineer aboard the Starship Enterprise. But Scotty's clan of Chiefs has a long lineage that has taken high roads and low from the earliest rumblings of the Industrial Revolution.

As First Officer Spock might observe, it seems logical that with the development of early steam power in the northern end of the British Isles, stretching from the "black country" coal and iron mines between Birmingham and Manchester north across the Borders to the engine works and vast Clyde-side shipyards of Glasgow, that Scots would be prominent. From mine pumps to railways to marine propulsion, steam innovation was driven by Scottish engineers, from Baird to Watt, with the likes of Stirling, Napier, and scores of others in between. Scotsmen understood steam equipment, and you had best have the best to tend it, whether at the head of mine shaft, or drive shaft, (or Jeffries tube, for you deep Trekkies).

Where does history change to stereotype? In literature, of course. As only Kipling could, his 1891 poem M'Andrew's Hymn popularized the character of the "auld Fleet Engineer" - gruff, proud, underappreciated, resourceful, touchy, canny - a character that each generation since has been pleased to embrace, or at least shake the hand of. "But no one cares except mysel' that serve an' understand. My seven-thousand horsepower here. Eh, Lord! They're grand they're grand!"

Hidden below decks, the marine engineer is a most interesting contrast to the more visible captain, who is always cast as the voice of authority, bound to conventions of maritime routine and order. The Captain's equal in status, the Chief reigns over a different kingdom, removed from the geography, light and weather of the oceanic world, a Stygian, artificially-lit realm of incomprehensible machinery, heat, noise, pressure and lubrication. The Chief is indispensible, and so the Chief can walk his plates and gratings in any way he may wish, with little regard for bridge formality. Engines first, the ship as necessary. A Captain must be deferred to, but the Chief must be cultivated. In literature and the screen, this alternate view of authority has a perennially pleasant dynamic, and we have come to expect it.

From the 1903 Cutliffe Hyne novel McTodd, the title character is the second engineer aboard a large steam yacht; the owner's daughter approaches:

"I never knew what a pleasant scent warm oil could be before, Mr. McTodd," she says. "It beats a rose shop when once you get used to it," I said, and then asked her if she would like to look round now that the yacht was quiet and cool. She said "Yes," and I took her, and I think she was interested. Ours were really engines to be proud of — triple expansions, of course, with all the gear of the newest and cleverest; and the Chief and I kept everything that bright and clean you could have eaten your dinner off the dirtiest part and not known there was a strange taste. Our pumps were a poem, no less ... "But will they never break down?" she asked. "If



the guid God wills. But so far as good workmanships in the shops, and good looking after on board can ensure them, they're just as safe as shares in the Dingwall and Skye Railway."

In the 1940s, perhaps the best known (pre-Star Trek) Scottish marine engineer persona emerged in the stories by Guy Gilpatric - that of Colin St. Andrew MacThorckle Glencannon, Esq., Chief Engineer of the tramp steamer Inchcliffe Castle. Originally published in the Saturday Evening Post, the Glencannon series was very successful and inspired a 39-episode British television production in 1957-8 (without the walrus moustache).

Continued on page 2

#### **EXHIBITS**

### Last chance to see: Some Burdensome: Big Ships, Big Cargoes

On view through June 28 John G. Morse, Jr. Gallery

Some Burdensome pays homage to the big ones, past and present, and the folks that filled them. While global manufacturing is ever more dependent on the economies of scale offered by maritime shipping, rising transport costs are bringing new thinking into the size and shape of future ocean carriers; even sails are being revisited.

Sponsored by FORT RELIANCE

### **Coming in July:**

### **HEAVY METAL:** The Revolution **Evolution in Marine Propulsion**

On view July 9 through November 8 John G. Morse, Jr. Gallery

Nothing transformed the maritime world more completely than the engine. Within a generation, the churning revolutions of marine engine shafts had revolutionized not only the shape of ships, but also communication, commerce, work patterns, infrastructure, emigration -in short, the world as our ancestors knew it.



## Giving Our All to a Difficult Task

At this time last year, Maine Maritime Museum and most other businesses faced a dismal economic climate. In the Museum's case, five positions were cut, compensation was reduced, and certain projects were put on hold to protect the shrinking endowment that provides an important source of operating income. For me, a new director only two years into the job, it was tough going. But a favorite expression attributed to Winston Churchill says, "When you're going through hell, keep going." The staff, trustees, and especially the volunteers, pulled hard all year and often with little but hope to keep us motivated. We completed critical infrastructure projects (the masonry and pier repairs); stayed focused on programming, exhibits, and collections care; and promoted the Museum as much as our reduced budget would allow.

By the end of December we began to see the results of all this effort. Our buildings and grounds never looked better (for which our volunteers deserve enormous credit), our program attendance exceeded budget, huge improvements were made to the small-boat collection storage area, and the Museum received more support for the annual fund than ever before. We head into the 2010 season with renewed enthusiasm and optimism.

Even with all the difficulties, we still enjoyed our work. This year, despite the ongoing challenges of reduced staff, economic uncertainty, and the loss of several good friends of the

Museum, we will do our best to make MMM a fun place to be for staff, volunteers, trustees, and our visitors. Whether it's Quartermasters Day, when as many as 75 of us work on the Museum buildings and grounds; the Crossing the Line event, when staff members get creative dressing up as Neptune's Court; or the annual Pirate's Party, when hundreds of pirates of all ages swarm the grounds, we'll find ways to enjoy the lighter side of maritime culture. In this spirit of fun, our MMM boat builders are taking up a new challenge on Sunday, October 10, when we will participate in the Damariscotta Pumpkin Boat Regatta. We're aiming for style over speed as we develop our top secret plans for a Pumpkin Boat that will embody maritime heritage and traditional boat building skills (but we'll settle for a boat that doesn't capsize). Watch for updates on our website, in our e-newsletter and on our new Facebook page. And if you want to be part of the fun at MMM, become a member, a volunteer, or just visit when you can. You will learn something new, have an interesting experience and enjoy yourself. The details are all here in the following pages.

> Amy Lent Executive Director

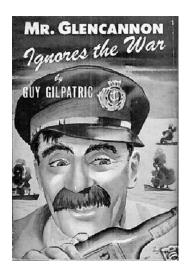
#### **Mission Statement**

Maine Maritime Museum celebrates Maine's maritime heritage and culture in order to educate the community and a world-wide audience about the important role of Maine in regional and global maritime activities. The Museum accomplishes its stewardship through: discriminate collection, preservation and dissemination of historic materials and information, engaging educational programs, relevant and compelling exhibitions, and a unique historic shipyard, all connecting the past to contemporary and future issues.

#### **Vision Statement**

Maine Maritime Museum offers unique experiences through unsurpassed collections, well-maintained historic buildings, compelling exhibits, and outstanding educational programming and services. The institution is financially sound and forward focused; new technologies and viewpoints are embraced in a timely manner. Visitors, members, volunteers, and staff are enriched by their involvement with the Museum; the Museum's vitality infuses the regional and national cultures and economies. The Museum is a world-class museum attracting a global audience to Maine's rich maritime heritage and culture.

## The Scottish Engineer Continued from page 1



From Gabriel's Trumpet in *The Second Glencannon Omnibus*, 1942:

"Mr. Colin
Glencannon, Chief
Engineer of the British
tramp steamer Inchcliffe
Castle, lay sound asleep in
his bunk, the sound emanating from the region due
south of his adenoids and
resembling the whimper of
wind through the ribs of a
gibbeted skeleton. From

time to time, heightening the realism, he gave off strangled cackles as of ravens gorging a cadaveric feast and a sudden menacing "whoosh" as though to frighten the ravens away...

Besides, the night had fallen clear and calm, and the gentle dew which moistened him after his bedside orisons was the justly esteemed distillation of Messrs. Mackenzie Duggan & Co., Ltd., of Kirkintilloc ...but presently, seeping into his slumbers, came an uncomfortable awareness that the ship was proceeding through fog. Mr. Glencannon knew this, not by virtue of clairvoyance, but because the engines were turning at half speed. He had nursed and cursed the Inchcliffe's decrepit old teapots for such a weary tale of years that, wak-

ing, sleeping, or even sober, he was more sensitive to their pulse beats than to his own. And now, suddenly, they thrashed full astern!" Though predictably quirky on the surface, Glencannon, of course, always prevails in the end, revealing in brief treasured flashes his inner complex workings, which, like his engines, beat on with loyalty, reliability, and steadfast simplicity.

So wherever, and in whatever vessel, the Scottish engineer is to be found (and there have been many), we would do well to salute him as well as the Captain as we disembark; he is generally the key to the story, and far more than a gruff wiper of bearings. As Kipling's M'Andrew ponders in the darkness of the middle watch:

"What I ha' seen since ocean-steam began Leaves me no doot for the machine: but what about the man?"

Stay informed about what's happening at Maine Maritime Museum by signing up to receive our e-newsletter, *The Lookout*. You'll receive up-to-date information about special programs and exhibit news right in your email inbox. If you're not yet getting *The Lookout*, sign up today at www.MaineMaritimeMusuem.org.

P.S. We will not share your email address with others.

## Leonard Tyler to receive 2010 Mariners Award

Maine Maritime Museum's Mariners Award Selection Committee has announced that Leonard Tyler, President of Maine Maritime Academy, is the 2010 award recipient of the Mariners Award. The award is presented annually to an individual who has made extraordinary contributions supporting Maine's maritime heritage. This year's award ceremony will take place the evening of Saturday, June 19, at the Portland Country Club in Falmouth. Earlier that day, the Museum will hold an open house with free admission in honor of Len Tyler and Maine Maritime Academy.

Tyler was elected president of Maine Maritime Academy in 1995, after having served for more than 25 years in a number of roles at the institution, from assistant professor to vice president for external affairs. He will retire from the college this spring.

During his administration, Maine Maritime Academy acquired a new state-of-the-art training ship, reached record enrollment, and substantially enhanced its facilities. As the result of his leadership the college campus underwent extensive renovations and realized significant building enhancements as he led a \$22 million capital campaign, "Enhancing a Legacy of Excellence," the most extensive ever conducted by a maritime college. The campaign was the second major capital campaign that Tyler was involved in at Maine Maritime Academy. He directed the first campaign while serving as vice president for external affairs, raising more than \$12 million for the largest capital campaign undertaken by a maritime academy at the time.

Tyler's influence in maritime education reaches beyond the Castine campus and the state of Maine. In 1999, he served as a founding officer of the International

#### **Prior Mariners Award recipients**

2009 - Bath Iron Works employees

2008 - Bruce King, renowned boat designer

2007 - Linda Greenlaw, author and captain

2006 - Roger and Mary Duncan, historians



Association of Maritime Universities (IAMU), a consortium of educators established to develop a worldwide network among maritime universities to promote educational excellence and to enhance the safety of international seafaring. The nonprofit organization was initially comprised of seven maritime

universities representing the various regions of the world. Today, the organization has more than 40 member institutions. Tyler, a two-term past chairman of IAMU and the first person to serve a second term as the organization's top executive, remains active in various working groups that guide and support IAMU initiatives.

"Perhaps no single individual has had a greater impact on the long-term future of maritime education in Maine than Len Tyler," said Bill Haggett, Chairman of the Maine Maritime Museum Board of Trustees, and a former chairman and trustee emeritus of the Maine Maritime Academy Board of Trustees.

In addition to Haggett, a former chief executive officer of Bath Iron Works, the members of the Mariner's Award Selection Committee are: Timothy Hodgdon, president of Hodgdon Yachts; Captain Susan Clark, president of Portland Pilots, Inc.; Peter Bass, founder and president of Maine Cottage Furniture and Contributing Editor to Maine Boats, Homes & Harbors; Louis E. Sage, former executive director of Bigelow Laboratory for Ocean Sciences; and Tom Yale, president of Yale Cordage. Sage and Yale are also trustees of Maine Maritime Museum.

Note: All are welcome to attend the open house and the award dinner; however, advance registration for the award dinner is required. For more information about the award dinner or to reserve tickets, please visit www.MaineMaritimeMuseum.org or contact the Museum at 207-443-1316 ext. 0.

#### **Recent Grant Successes**

#### Margaret E. Burnham **Charitable Trust**

Grant of \$4,000 toward the purchase of a \$8,090 microfilm reader/scanner for the Museum's research library.

#### Maine Humanities Council

\$1,000 Community Outreach Grant in support of the Museum's 2010 Symposium on the building of the world's largest ships.

#### State of Maine

New Century Community Program Historical Collections Facilities Grant for \$5,000 toward important preservation work (a new roof) for the Paint & Treenail Shop of the Percy & Small shipyard.

Grant of up to \$4,000 for the care of a collection of Bath Iron Works Ltd. ship and engine plans, from the Historical Collections Grant Program (funded by the National Historical Publications and Records Commission).

### Museum to Observe **National Maritime Day**

On Saturday, May 22, Maine Maritime Museum will observe National Maritime Day with a noon-time ceremony to be held at the waterfront flagpole in the Percy & Small Shipyard. The ceremony, which will honor all past and present mariners from Maine, will pay special recognition to Maine Maritime Academy for its long history of addressing maritime issues and developing leaders who serve in all sectors of business and government.

### **Quartermasters Day** Rescheduled to May 22

Spring Quartermasters Day has been rescheduled to take place on May 22, rather than the previous weekend as announced in the last edition of Rhumb Line. Specific information will be forthcoming. In addition, the first Museum Yard Sale will be held in the South Parking Lot.

### 2010 Mariners Award Sponsors (at time of printing)

**Commodore Level** Robert Walker

#### **Captain Level**

G. David Fenderson and Margaret J. Fenderson J. Scott Searway

#### **Executive Level**

William A. Lowell William and Sally Haggett

### CIANBRO

Bath Savings Institution Since 1852





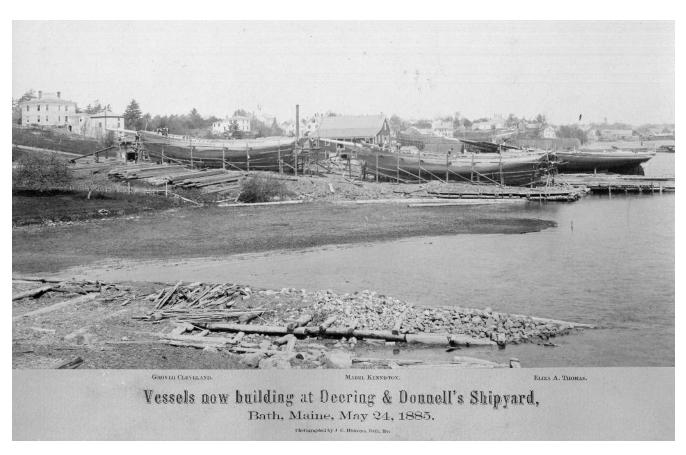




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## **Curatorial Insight**

## A Day at Deering & Donnell's Shipyard – But What Date?



#### By Nathan R. Lipfert, Head Curator

We have known about this first photograph for a long time. If you had visited the

Museum in the late 1960s, when each Bath shipyard was represented with a small exhibit at Sewall House, you would have seen it, hanging on the wall of whichever room represented the Deering & Donnell shipward. It is a great photograph, with

shipyard. It is a great photograph, with a lot of detail that inspires the viewer to learn more about the scene.

First, it is beyond cool to know the exact day a picture was taken 125 years ago. According to the photographer's label below the picture, on May 24, 1885, John C. Higgins, a professional photographer who took most Bath ship-launching photographs at the time, came to the Deering & Donnell yard (now Maine Maritime Museum property) to ply his trade. For this picture, he set up his camera on the decaying remains of the Daniel O. Blaisdell yard wharf. The Blaisdell yard had closed in 1880. Percy & Small would take over the site in 1896. In the foreground, remnants of the launching ways can be seen. At the left are some fruit trees and a rather sketchy picket fence, evidence of the property of John Powers, optician, whose house and land would later be purchased by Percy & Small to build their outfitting wharf and north ways.

The focus of the photograph is on

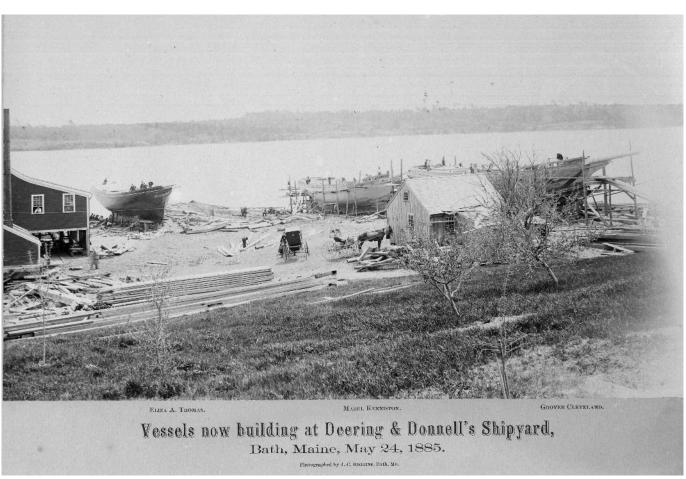
the vessels, of course. May 24, 1885, was a Sunday, Whitsunday in fact, but 20 or so workmen can be seen here, working on the two fishing schooners that still have staging around them. These two vessels, one behind the other on the same building slip, the *Grover Cleveland* for Boston owners and the *Mabel Kenniston* for Gloucester owners, would be launched

in mid-June. But the right-most schooner, behind the others on another building slip the other side of the wharf, will be the next to launch. The vessel, the Eliza A. Thomas, built for cooper Charles A. Thomes of Portland, launched on Thursday, May 28, 1885, according to the Bath Daily Times. (The vessel's last name was probably intended to be spelled like its owner's, but it got into the vessel registries as Thomas.) On June 4, the gossipy Times reported that "Higgins this week photographed the three fishing schooners at the Deering & Donnell yard." Taking into account the men at work (never seen on a Sunday), the date of the launching, and the newspaper's idea that Higgins was there in the week before June 4, I think that it is most likely that the date on the photograph is an error, and that Higgins was actually there on May 28, 1885.

The large house seen on the far left is not the William T. and Clara Donnell house, but a matching house a few doors

up the street. The yard's mill and joiner shop stands in the center of the picture, with the tall stack of the steam plant beside it. A vessel in frame sits just to the right of the shop, but much further away, and must be a leased use of the old Reed yard (where the semi-official dog park is today).

Last year, we became aware of a second photograph





of the yard taken by Higgins on the same day, from a different angle. The original of this image was in the home of the late William R. Donnell, and was lent to the Museum by his family for copying. There are a number of things we can learn from this image, which support the conclusion that the dates printed on the photographs are in error.

First, the *Eliza A. Thomas* is indeed sitting on ways, in a launching cradle, with only three shores supporting its starboard bilges. Although there is no staging still up, a group of people stand on the deck, as if they are awaiting an imminent event. A crowd is beginning to take seats just to the left of the *Thomas*, and a few workmen have taken spectator positions around the schooners to the right. In the center of the yard are two carriages, one with a woman disembarking (or leaning in to converse with a passenger). Incidentally, the woman bears a resemblance to Lydia Deering. It certainly looks like a launching day, and if the *Times* was right about the *Thomas* launching on Thursday, May 28, that is the day the picture was taken.

Another feature of interest is the small building at right center, the yard's office. Partially obscured by the fruit trees behind the Donnell home, a few patterns have been tossed onto the roof of the shed. This entire structure was screened from view by the bow of the *Cleveland* in the other photograph. On October 13 the same year, this building burned, although not before workmen were able to drag the safe and the models to safety. It was the fourth fire the yard had suffered, to that date.

Particularly exciting to shipbuilding geeks is the glimpse into the yard's mill, at the left. As with Percy & Small's mill later, this building has a section that is open to the weather, and hence, to our view. On the right, against the south wall of the building, is the sturdy skeleton of a Daniels planer, frequently used by shipyards for cutting timbers to the proper thickness. To the left of the planer is the arced framework of a large bevel-cutting jigsaw. This tool was used to cut the beveled curves that were necessary in vessel frames to give the hull its compound curves. These two tools capture our interest in part because the Percy & Small mill would be equipped with these very tools, in the 1890s, after the Donnell yard (which succeeded Deering & Donnell) had become inactive.

The Daniels planer from Percy & Small is visible in a 1927 photograph of the Boston Navy Yard, where it later went, and it looks more massive than the planer here. Certainly its carriage was longer, overfilling the 75-foot mill building at P&S. However, there is the tantalizing possibility that this is the same jigsaw used at P&S, perhaps sold to them by William T. Donnell after he built his last schooner in 1895.

Conclusions, from the study of the photographs:

- 1. We do not know with 100% accuracy what day the pictures were taken, but it was probably May 28, 1885, not the May 24 date printed on the photographs.
- 2. The bevel-cutting jigsaw glimpsed inside the mill building may have been the same one later used at the Percy & Small yard one just like it certainly was.

## We need your input – to grow the Capt. Parker Leadership Society

Planned gifts, in whatever form, are critically important to the long-term sustainability of Maine Maritime Museum. Through bequests, trust designations and other planned gifts the Museum's endowment is able to grow – and the organization remains viable in a downturn, as we have recently experienced. The fact that the endowment supports twenty percent or more of MMM's regular operations affords some cushion when other revenue streams are diminished.

To help us build a strong planned giving program, the foundation for MMM's future, please complete the following questionnaire so that we can learn what information and services you – our volunteers, members, supporters and the public – would find most helpful.

Return the questionnaire to Janice Kauer, development director, MMM, 243 Washington St., Bath ME 04530 or provide the information via email to kauer@maritimeme.org.

☐ I am interested in receiving more information about planned gifts by mail			
☐ If estate planning professionals offered planned giving workshops at the Museum, I would be interested in attending (at no cost)			
$\hfill \square$ I would like information about how a planned gift can assure me an income for my lifetime			
☐ If MMM offered charitable gift annuities, I would be interested in exploring them			
NAME			
ADDRESS			
PHONE			
E-MAIL			

Maine Maritime Museum, accredited by the American Association of Museums, is dedicated to preserving and interpreting Maine's maritime heritage through educational programs, exhibits, and special events.

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## From the Boatshop

### Boat Donation News

Block Island Maritime is a nonprofit organization that coordinates boat donation programs for four nonprofits, of which Maine Maritime Museum is one. Block Island President Dick Harris recently announced a new initiative that should help the Museum's young boat donation program expand. Block Island has hired two sales professionals to canvas coastal Maine's boat brokers and boatyards with information about the tax benefits of donating boats. Participating donors will be able to designate their donation to one of the four nonprofits, among two or three of the four charities or have their gift benefit all four. In addition to the Museum, Block Island's affiliated organizations in Maine are Maine Island Trail Association, Friends of Casco Bay and The Apprenticeshop.

Museum director Amy Lent applauded Block Island's new initiative. "We are very grateful to Block Island for developing this new initiative, which will help not just the Museum, but all four participating organizations. Maine Maritime Museum has been working to forge closer relationships with MITA, Friends of Casco Bay and The Apprenticeshop, through more integrated programming and outreach efforts. This effort affords us one more opportunity to concentrate our strengths and take advantage of efficiencies, all ultimately benefiting our donors and the state of Maine."

If you have a boat that you would like to consider placing in the Museum's charitable Boat Donation Program please call or e-mail Janice Kauer, Development Director, at (207) 443-1316 ext. 327, Kauer@maritimeme.org, who can answer your questions and begin the process of bringing you and your boat into the family of those who have made important contributions to Maine Maritime Museum.

### **Boats for Sale**

#### 13' Beach Pea - \$4,500



The Beach Pea is a modern adaptation of the Peapod, a classic, centuries-old design. The Beach Pea was designed by Doug Hylan to be stable and seaworthy, like its predecessors; but he incorporated modern materials and construction techniques into the Peapod redesign to enhance the boat's durability and strength, while decreasing necessary maintenance. This boat includes a spruce rig, Dacron sail and a pair of rowing oars.

Specifications: L.O.A: 13' L.W.L: 10' 11" Beam: 4'3" Draft: Centerboard UP: 3" Centerboard Down: 18" Approximate Weight: 125 lbs. Sprit Rig: 54 sq. ft.

#### Isle Au Haut Skiff – \$8,000



The Isle Au Haut Skiff is a whitehall-style pulling boat, also called a Cape Rosier Skiff. This particular example is a reproduction of an original 1907 Isle Au Haut Skiff named Tara that is part of the Museum collection. These boats combine the best characteristics of seaworthiness and traditional charm with an excellent reputation as a tender.

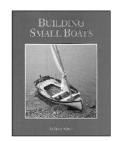
This example of an Isle Au Haut Skiff was constructed like the original with white oak keel, frames, breast-hook, seat risers, inwale, and rubrail. She is carvel planked in white cedar and has a mahogany sheer plank and transom. She was fastened using bronze screws throughout and is truly a charm to row.

Specifications: L.O.A: 12' Beam: 4'2" Approximate Weight: 200 lbs.

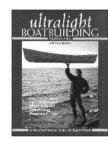
### Boat Building Books Available in Museum Gift Store

Many new titles, and many classic titles as well, in how-to build wooden boats are now available in the Maine Maritime Museum Gift Store. By buying your books here, you support the Museum's programming. Not all titles are available through our web site store, so come in and check out our wide selection. There's something there for everyone.

A small sampling of the many books available are:



Building Small Boats by Greg Rössel Members \$35.95 Non-members \$39.95



Ultralight Boatbuilding by Fred Stetson Members \$17.95 Non-members \$19.95



Rowable Classics by Darryl J. Stickler Members \$26.95 Non-members \$29.95



*The Boatbuilder's Apprentice* by Greg Rössel
Members \$35.95
Non-members \$39.95

## Summer and Fall Programs

### At a Glance Planning

#### Activities – May 31 to Sept 6

Bath Iron Works Trolley Tour – 12:30pm (Tues & Thurs thru June 12) (Mon thru Fri after June 14)

Bath Iron Works Trolley Tour – 10am (Saturdays)

Percy & Small Shipyard Tours – 11am, 1pm & 3pm (Daily)

Victorian Donnell House – 11am to 4pm (Mon through Sat)

#### Additional Activities - June 19 to Sept 6

#### **SATURDAY**

Great Ships and Lighthouses Cruise (1 hour) – 12pm & 2pm Lighthouse Lovers Cruise (3½ hours) – 3:30pm

#### **SUNDAY**

Great Ships and Lighthouses Cruise (1 hour) – 12pm & 2pm Six Lighthouses Cruise (2½ hours) – 3:30pm

#### **MONDAY**

Great Ships and Lighthouses Cruise (1 hour) – 12pm & 2pm One of the following cruises – check details for specific dates
The Secret Kennebec Cruise (2½ hours) – 3:30pm
The Extraordinary Wildlife of Merrymeeting Bay Cruise
(2¼ hours) – 3:30pm

#### **TUESDAY**

Great Ships and Lighthouses Cruise (1 hour) – 12pm & 2pm

#### **WEDNESDAY**

Great Ships and Lighthouses Cruise (1 hour) – 12pm & 2pm Treasures of the Orlop Deck: Tour the Collection Vaults – 1:30pm Six Lighthouses Cruise (2½ hours) – 3:30pm

#### **THURSDAY**

Great Ships and Lighthouses Cruise (1 hour) – 12pm & 2pm Beacons of Boothbay Cruise (4½ hours) – 2:30pm

#### FRIDAY

Great Ships and Lighthouses Cruise (1 hour) – 12pm & 2pm Seven Lights, Hells Gates Cruise (3 hours) – 3:30pm

BY SPECIAL ARRANGEMENT (Advance reservations required)
Striped Bass & Bluefish Fishing Charter – July 1 to October 11

#### Activities - Sept 7 to Oct 11

Percy & Small Shipyard Tours – 11am & 1pm (Daily) Victorian Donnell House – 11am to 4pm (Mon through Sat) Bath Iron Works Trolley Tour – 12:30pm (Mon through Fri) Bath Iron Works Trolley Tour – 10am (Saturday only) Great Ships and Lighthouses Cruise (1 hour) – 12pm

#### Additional Activities – Sept 7 to Oct 11

#### SATURDAY

Lighthouse Lovers Cruise (3½ hours) − 2pm

#### SUNDAY

Six Lighthouse Cruise (21/4 hours) – 2pm

#### MONDAY

One of the following cruises – check details for specific dates The Secret Kennebec Cruise (2¼ hours) – 2 pm The Extraordinary Wildlife of Merrymeeting Bay Cruise (2¼ hours) – 2 pm

#### TUESDAY, WEDNESDAY & THURSDAY

Great Ships and Lighthouses Cruise (1 hour) – 2pm

#### **FRIDAY**

Seven Lights, Hell's Gates Cruise (3 hours) – 2pm

## Ongoing Events & Tours

## Bath Iron Works Trolley Tours – A FAVORITE!

Two-day Museum admission included with tour fee.

SPRING: May 25 to June 12: Tuesday & Thursday - 12:30pm; Saturday - 10am SUMMER & FALL: June 14 to Oct 11: Weekdays -12:30pm; Saturday - 10am Members \$20 | Non-members \$30 Children under 16 years \$15

Advanced reservations are strongly suggested as space is limited and tours sell out quickly. Backpacks, cameras and cell phones are prohibited. Due to national security, trips are subject to cancellation at any time.

A one-of-a-kind opportunity: go inside the gates of BIW on a behind-the-scenes tour. See the old launching ways and BIW's Land Level Transfer Facility, where large vessels are constructed and moved into the dry dock for launching. See the cutting-edge Ultra Hall, which facilitates "mega section" construction. For added enjoyment, combine with a discounted one-hour boat cruise to view BIW from the water.

Sponsored by General Dynamics Bath Iron Works.



## Percy & Small Historic Shipyard Tour

May 31 to Sept 6: Daily – 11am, 1pm & 3pm Sep. 7 to Oct 11: Daily – 11am & 1 PM FREE with Museum admission.

Our knowledgeable guides share the story of the only surviving shipyard in America where large wooden sailing vessels were constructed, including Wyoming, the largest wooden sailing vessel ever built and whose life-size evocation is the yard's centerpiece.

#### **Victorian Donnell House**

May 31 to Sept 6: Daily (except Sunday) – 11am to 4pm FREE with Museum admission.

Skilled docents will introduce you to the Donnell Family, one of Bath's shipbuilding families, and how they lived in 1892.

## Treasures of the Orlop Deck: Tour the Collection Vaults

May 31 to Sept 6: Wednesday – 1:30pm \$8 Members | \$20 Non-Members Price includes Museum Admission

A member of our curatorial staff will lead you on an exploration of the Museum collection, which has more than 20,000 artifacts, many of which are rarely exhibited. You'll learn the unique and exciting stories behind selected artifacts. Register early, space is limited.

### **Daily & Weekly Cruises**

All cruise fees include two-day Museum admission. Arrive 30 minutes prior to departure. Cruises are subject to cancellation due to inclement weather, unforeseen circumstances or private charter. Advanced reservations are recommended, and are available online at www.MaineMaritimeMuseum.org.

SUMMER SCHEDULE: June 19 to Sept 6 FALL SCHEDULE: Sept 7 to Oct 11

## Great Ships and Lighthouses Cruise (1 hour)

SUMMER: Daily – 12pm | 2pm except Thursdays

FALL: Daily – 12 pm | 2pm on Tuesdays, Wednesdays & Thursdays only Members \$20 | Non-members \$24 Children under 16 years \$10 | Under 4 free

Explore the Kennebec River and its role in American shipbuilding. See Bath Iron Works, lighthouses and nesting osprey. Something for everybody!

Sponsored by General Dynamics Bath Iron Works.

#### Six Lighthouse Cruise (21/4 hours)

SUMMER: Sunday & Wednesday – 3:30pm FALL: Sunday – 2pm Members \$27 | Non-members \$32 Children under 16 years \$15 | Under 4 free

The Kennebec Historic Waterway features some of Maine's most beautiful lighthouses - Seguin Island and Light; Doubling Point Light; the Kennebec Range Lights; Squirrel Point Light; Perkins Island Light, Pond Island Light; and Seguin Island Light. Photo ops galore!

## Lighthouse Lovers Cruise (3½ hours)

SUMMER: Saturday – 3:30pm FALL: Saturday – 2pm Members \$35 | Non-members \$40 Children under 16 years \$20 | Under 4 free

Ten of Maine's finest lighthouses the way they were meant to be seen, from the water – Doubling Point Light; the Kennebec Range Lights; Squirrel Point Light; Perkins Island & Light; Pond Island & Light; Seguin Island & Light; Cuckolds Light; Ram Island Light; Burnt Island Light; and Hendricks Head Light.

Continues on next page

The Rhumb Line \$ 7



SUMMER SCHEDULE: June 19 to Sept 6 FALL SCHEDULE: Sept 7 to Oct 11

#### Beacons of Boothbay (4½ hours)

SUMMER: Thursday – 2:30pm Members \$40 | Non-members \$45 Children under 16 years \$25 | Under 4 free Explore a Maine island and its light-

house. Cruise the Sasanoa River to Boothbay Harbor; view four lighthouses along the way. Then stop to explore Burnt Island and its lighthouse. Meet the keeper and his family who will acquaint you with lighthouse living, 1950s style. Visit the keeper's home and climb the spiral staircase into the lantern room to enjoy spectacular views of Boothbay Harbor; or take a picturesque hike around the 5-acre island.

#### Seven Lights, Hells Gates Cruise (3 hours)

SUMMER: Friday – 3:30pm FALL: Friday – 2pm Members \$30 | Non-members \$35 Children under 16 years \$15 | Under 4 free

Travel the winding Sasanoa River through Hells Gates into the serene Hockomock Bay to the mouth of the Sheepscot River, past Hendricks Head Light. Enter the Kennebec River with its six lighthouses: Doubling Point Light, the Kennebec Range Lights, Squirrel Point Light, Perkins Island Light, Pond Island Light, and Seguin Island Light. Due to tides and currents this trip may take the reverse course at the captain's discretion.



### **Unique Cruises**

#### The Secret Kennebec Cruise (21/4 hours)

SUMMER: Monday (June 28, July 12, July 26, Aug 9 & Aug 23 only) – 3:30pm FALL: Monday (Sept 6 & Sept 20 only) – 2pm Members \$27 | Non-members \$32 Children under 16 years \$15 \Under 4 free

Though traveled for thousands of years, the shores of the Kennebec River remain largely unsettled. They are home to the 2nd largest concentration of waterfowl along the eastern U.S. Large runs of migratory fish make this a favorite feeding ground for seals and an ideal habitat for eagles and osprey.

#### The Extraordinary Wildlife of Merrymeeting Bay (21/4 hours)

SUMMER: Monday (June 21, July 5, July 19, Aug 2, Aug 16 & Aug 30 only) – 3:30pm FALL: Monday (Sept 13 & Sept 27 only – 2pm Members \$27 | Non-members \$32 Children under 16 years \$15 \Under 4 free Six rivers converge at Merrymeeting Bay to create a truly unique and rare ecosystem: the breeding ground of osprey and bald eagles and home to

Atlantic sturgeon and harbor seals. This cruise is narrated by members of local environmental organizations. The program is made possible thanks to the sponsorship of the Merrymeeting Bay Trust and the collaborative efforts of the Kennebec Estuary Land Trust and Maine Audubon Society.



#### Cruise with Dad

Sunday: June 20 – 12pm | 2pm | 3:30pm Dad is FREE with paying guest

Celebrate Father's Day and let Dad cruise for free when accompanied by a paying guest. Choose from the Great Ships & Lighthouses Cruise or The Six Lighthouse Cruise.

Sponsored by General Dynamics Bath Iron Works.

#### Windjammer Days Cruise (6 hours)

Wednesday: June 23 – 10am Members \$45 | Non-members \$50 Children under 16 years \$25 \Under 4 free

A unique opportunity to be at sea right in the middle of Maine's famous fleet of Windjammers! Cruise to Boothbay Harbor; explore the town; then board again for a close-up of Maine's Windjammer Fleet. A truly incredible photo opportunity and a truly remarkable spectacle. Limited seating, reserve early.

#### Fireworks Cruise (2 hours)

Monday, July 5 – 8pm Members \$30 | Non-members \$35 Children under 16 years \$15 \Under 4 free

Cruise Bath's colorful waterfront, enjoy water views of downtown and all the festivities. Purchase your favorite beverage onboard at our cash bar and enjoy on-the-river views of the annual Heritage Days fireworks. Limited seating, reserve early.

Sponsored by General Dynamics Bath Iron Works.



#### **Special Programs** and Events

#### **Striped Bass & Bluefish Fishing** Charter (4 hours)

Reservations are required several days in advance. By reservation: July 1 to Oct 11 - 2pm \$300 per trip; limit 4 anglers per trip

The rugged beauty of the Maine Midcoast, miles of pristine beaches and the wooded shores of the Kennebec River set the tone for this world-class fishing trip. Captain Dave Pecci, Orvis Northeast Guide of the Year and president of Maine Association of Charterboat Captains, will be your guide. All the necessary tackle and gear are included, but feel free to bring your own.

#### **Kayak Adventures in Merrymeeting Bay (4 hours)**

Sunday Mornings: (June 27, July 11, Aug 8, Sept 19, Oct 3 only) - 9am Sunday Sunsets: (July 25, Aug 22, Sept 5 only) - 3:30pm

Equipment Provided: Members \$60 | Nonmembers \$65 | Children under 16 years \$30 Personal Equipment Used: Members \$30 | Non-members \$35

No experience necessary; disability accommodations available. Paddle solo or with a partner. Advanced reservations required; minimum age 12.

These four-hour expeditions of Merrymeeting Bay are lead by registered Maine Guides and members of local environmental organizations. Your guide will interpret the area's extraordinary ecological vitality, its abundant wildlife, such as seals, ospreys, eagles and more, and the challenges facing the bay. All necessary equipment is provided: kayak, paddle, PFD. Just bring your camera.

This program sponsored by the Merrymeeting Bay Trust in collaboration with the Kennebed Estuary Land Trust and Maine Audubon Society.

#### **One Time Events**

#### **Star Party**

Friday, May 7 - 7:30pm

Everyone is invited to help us celebrate Space Day at our star party. In collaboration with Southern Maine Astronomers, the Museum will host an evening of stargazing from Museum grounds, with particular interest paid to those bodies associated with celestial navigation. In the event of inclement weather, an indoor program will take place.

#### **Cruising Midcoast Maine by Curtis Rindlaub**

Thursday, May 27 – 7pm \$5 Members of MMM or MITA \$7 Non-members

Join Curtis Rindlaub, co-author and publisher of A Cruising Guide to the Maine Coast and Maine Coast Guide for Small Boats: Casco Bay, as he shares his knowledge about favorite islands and anchorages in the Casco Bay and Mid-coast region, as well as a few to be avoided. Whether you're a paddler, sailor or power boater you'll find this talk informative and helpful.

Co-sponsored by Maine Island Trail Association.

#### Mariner's Day 2010: Honoring **Leonard Tyler**

Saturday, June 19 – 10pm to 2pm

Join us as we honor Leonard Tyler, president of Maine Maritime Academy and recipient of our 2010 Mariner's Award. Presented annually by Maine Maritime Museum, the award recognizes an individual who has made extraordinary contributions to the appreciation of Maine's maritime heritage and the understanding of the major impact that maritime activities continue to have on the state's culture and economy. Enjoy a day of activities and FREE Admission.

Sponsored by General Dynamics Bath Iron Works.

#### **Members Only Tour: Island Treasures - Exploring Bustins** Island (5 hours)

Wednesday, July 21 – 11am Members \$50

Museum Members can enjoy exploring one of Casco Bay's private islands. Highlights of this walking tour include a visit to the islands historical society, community house and significant island landmarks dating from 1798. Sail from South Freeport aboard the Lilly B; bring your own lunch, comfortable walking shoes and your camera. Coffee and snack provided. Bring your own lunch. Space limited; reservations required.

#### **Everybody Loves Pirates** (1 hour)

Saturday, Sept 18 - 10:30am \$7 Members | \$8 Non-members | \$20 Member families | \$25 Non-member families

Presented by Frogtown Mountain Puppeteers, "Everybody Loves Pirates" is the story of a young girl named Lucy and her weird but enthusiastic friend, Little Chucky, who find a treasure map and set out on a quest to find their fortune. Unfortunately, they run into a group of bumbling pirates who try to thwart their efforts. The show features high sea action, lots of detailed props and characters, and a pirate ship. It is appropriate for children of all ages and the young at heart.



#### **New Maritime Connections:** Downeast to Campobello, **Members Trip**

Thursday to Sunday, Sept 23 to 26 \$1025, which includes a voluntary taxdeductible contribution of \$50 to MMM

A four-day Museum-members-only trip. Travel aboard a comfortable touring motor coach viewing the harbors and inlets of the Atlantic and the early fall colors of the extensive "blueberry barrens." Two days and nights well be as guests in fully-equipped, formerly private summer cottages of the late 19th Century Arts and Crafts Era at the Roosevelt Campobello International Park on Campobello Island, N.B.

#### Kids Pirates Party (3 hours)

Saturday, Oct 30 - 5pm \$5 Members | \$15 Member Family \$6 Non-member |\$20 Non-member Family (in advance) | \$7 Non-member or \$25 Family day of event

It's the 15th Annual Maine Maritime Museum Pirates Party. Dress like a pirate or don your favorite Halloween costume for lots of fun and adventure; crafts and games including the haunted pirate layer, treasure hunt, pirate tales around the bonfire, singing sea shanties, and more – a not-to-be-missed tradition.

### **Heavy Metal Exhibit Related Programs**

#### Tour the Training Ship STATE OF MAINE

Thursday, Sept 16 – 1pm \$20 Members | \$25 Non-Members Reservation deadline Sept. 14

In Castine, go aboard Maine Maritime Academy training ship T.S. State of Maine for a special tour of its unique power plant, led by David Howard, Adjunct Professor of Engineering and



First Assistant Engineer. Originally built as a fast naval oceanographic research vessel, the ship is used today as a sophisticated high tech teaching platform to train men and women for careers as licensed officers in the Merchant Marine. A tour of Maine Maritime Academy to see how today's Merchant Marine is trained is included. Note: Not recommended for those with mobility or discomfort in enclosed spaces.

Sponsored by General Dynamics Bath Iron Works.

#### Tour Washburn and Doughty Associates, Inc.

Friday, Sept 10 - 1pm \$15 Members | \$20 Non-members

Maine Maritime Museum offers this rare opportunity to tour a working shipyard where you'll see some of today's most powerful and modern tugboats being constructed. With clean underwater lines and two 5000 HP Z-Drive units driving straight line carbon fiber shafts, these vessels have the maneuverability necessary for ship handling and harbor work in today's congested ports.

#### **Heavy Metal Lecture Series**

Series sponsored by General Dynamics Bath Iron Works.

#### From Sail to Steam: Changes in Transportation Technology on Our Ocean Highways by Capt. Jim Millinger

Thursday, Sept 30 - 6:30pm \$5 Members | \$7 Non-Members

An examination of how technological changes in propulsion along our ocean highways, from sail to steam, altered how business was conducted. From the development of reliable transatlantic schedules to Tramp Steamers to the Portland disaster, see how the advent of steam changed the world.

#### From Air to Sea - The Gas Turbine **Engine** by Randy Johnson

Thursday, Oct 1 – 6:30pm \$5 Members | \$7 Non-Members

Great engines in the sky equal great gas turbines aboard ships. The missions may be different but the principles that matter are not. Powerful, highly efficient and reliable marine engines that are environmentally friendly are required for today's military ships and commercial vessels. Join Randy Johnson Senior Field Service Representative with General Dynamic as he discusses the development and advantages of the Gas Turbine Marine engine.

### **Authors at Eight Bells**

## Jim Bildner, The Visual Cruising

Wednesday, July 7 – Noon Suggested donation \$3

James L. Bildner is a lifelong sailor and avid recreational pilot who combines those two passions into a series of truly unique cruising guides - The Visual Cruising Guide. Jim will show some of his stunning photographs and talk about the process of turning scenic pictures into important aids to navigation.

#### Jon Eaton, The Seven Habits of Highly Effective Boating Books

Wednesday, July 14 - Noon Suggested donation \$3

Jon Eaton is not a writer, but as the longtime editor of McGraw-Hill's International Marine imprint he's probably responsible for more maritime literature and boating how-to books than anyone else in America, including such classics as The Twelve-Volt Bible, The Sailmaker's Apprentice, and John Rousmaniere's Heavy Weather Sailing. Jon will distill his wisdom of more than two decades of maritime publishing.

#### Capt. Bob McKay, Percival the Lighthouse Mouse

Wednesday, July 21 - Noon Suggested donation \$3

Join Captain Bob McKay as he discusses the history of Burnt Island Light and the process of interpreting the site to visitors and to children though his unique tale of Percival, a little mouse who lived with Keeper Bob and his family at Burnt Island and who saves the day.

#### James L. Nelson, George Washington's Great Gamble

Wednesday, July 28 - Noon Suggested donation \$3

Maine Maritime Museum's Education Coordinator Jim Nelson will be speaking about his fifteenth book, George Washington's Great Gamble. By 1780, General Washington had come to the understanding that he would never win the Revolution without naval superiority. Don't miss Jim's enthusiastic and informative talk on how the war on land was won by a single battle at sea.

#### Loretta Krupinski, *Looking* Astern: An Artist's View of Maine's Historic Waterfronts

Wednesday, Aug 11 – Noon Suggested donation \$3

No one captures maritime Maine, past and present, on canvas in quite the

same manner as Loretta Krupinski, whose handling of light and motion are unparalleled. Don't miss this rare chance to hear one of Maine's premier marine artists discuss her life and work.

### **Summer Day Camps**

#### **Young Mariners Day Camp:** Ages 6-11 - (5 days)

Monday to Friday: July 19-23 or Aug 16-20 - 9am to 4pm

Members \$200 | Non-members \$225

Early drop off and/or late pickup -8am to 5:30pm - \$25

Limit 25 campers. Registration deadline July 1 & August 9

This camp is full of fun activities and crafts focused on marine science and seamanship. Campers will explore Merrymeeting Bay to learn about the history and significance of the Bay, build a ship model, "voyage" on the museum's play ship Pirates Paradise, and even go sailing on a real schooner. Bring lunch, snacks provided.

#### **Boat Builders Day Camp:** Ages 10-14 - (10 days)

Monday to Friday: Aug 2 through Aug 13 -9am to 4pm

Members \$400 | Non-members \$440 Early drop off and/or late pickup - 8am to 5:30pm - \$50

Limit 12. Registration deadline - July 19.

No carpentry or boat handling experience necessary. Campers will learn the maritime history of the Kennebec region while building a traditional wooden skiff, which will be launched and rowed on the Kennebec River at the end of camp. Each camper will make a half hull model to take home. Bring lunch; snacks provided.

Sponsored by General Dynamics Bath Iron Works.



Continues on next page



## **Summer and Fall Programs**

### **Navigation & Seamanship Courses**

Series sponsored by General Dynamics Bath Iron Works.

#### Paddle Smart (2 hours)

Saturday, May 8 – 2pm Members \$45 | Non-members \$50

Kayaking, canoeing and rowing are fun activities which can also get you close to nature and provide some quality exercise in the process. Taught by members of the U.S. Power Squadron, this seminar covers terminology, equipment, safety, day-trip planning and more. The fee includes a copy of The Complete Sea Kayaker's Handbook, handouts, a notebook and an Off-Season Boating, Cold Shock & Hypothermia brochure.

#### **Introduction to Celestial** Navigation (8 hours over 2 days)

May 15 & 16 - 8am to 5pm each day Members \$295 | Non-members \$310

This comprehensive, fast-paced, celestial navigation course, taught by the Ocean Navigator School of Seamanship, covers the basics of celestial theory, sight reduction of sun, moon, planets and stars, as well as specialty sightings, with an emphasis on practical use of celestial navigation. Other topics include time and time zones, sight planning, sextant accessories and offshore navigation plotting techniques, especially dead reckoning. Plotting of each sighting type, as well as celestial running fixes, is covered in detail. Sextant use is discussed. Required tools and publications are available for purchase in the Museum store. The instructor is Tim Queeney, editor of Ocean Navigator magazine.

#### Mastering the Rules of the Road (2 hours)

June 11 – 6pm Members \$50 | Non-member \$55

Taught by members of the U.S. Power Squadron, this two-hour seminar explains, with examples, the 37 Rules of the Road, both U.S. Inland and International, for waterborne vessels simplifying the sometimes complex laws relating to boat operation. Ideal for the recreational boaters, the seminar includes a copy of McGraw-Hill's The One Minute Guide to the Nautical Rules of the Road and student notes with slides.

## On Board Weather Forecasting

June 23 – 6pm Members \$40 | Non-member \$45

Quickly changing weather conditions can pose a real challenge for boaters, making fundamental understanding of weather forecasting a top priority for safe boating. In this seminar, members of the U.S. Power Squadron explain weather systems, how to understand clouds and their changes, using changes in wind, temperature and pressure to hone in on emerging weather fronts. The seminar includes a copies of McGraw-Hill's Onboard Weather Forecasting and a waterproof copy of Captain's Quick Guide to take aboard your boat.

#### **Boatshop Workshops**

Series sponsored by General Dynamics Bath Iron Works.

#### **Building the Wood Duck Kayak** (1 week)

May 24 to 28 - 8am to 5pm; Register by May 1. Members \$500 + materials Non-members \$530 + materials Materials cost \$850. Limit 8 students

The Wood Duck, a recreational kayak designed for paddling in sheltered waters, is built from mahogany plywood, making her pretty, lightweight and strong. Available in either 10'or 12' length. Larger paddlers and those wishing a bit more speed should choose the longer version. Each student leaves with a completed boat (not varnished) ready for paddling.



#### Family Boat Building (2 days)

July 10 & 11 – 9am to 4pm; Register by June 18 Sept 4 & 5 – 9am to 4pm; Register by Aug. 20 Members \$750 | Non-members \$800 Limit 6 groups in each session.

Over a weekend, each family will build an 11-ft plywood skiff that can be launched and taken home. All ages welcome. All materials are precut, ready for assembly and included in fee. No experience necessary.

#### Family Half-Hull Model Building (8 hours over 2 days)

July 24 & 25 – 9am to 1pm; Register by July 1 Members \$50 | Non-members \$60

Do something special with the kids this summer – build a traditional half-hull model and a lifetime memory. Together you'll carve a traditional 14" half model, varnish it and affix to a backboard. Enjoy quality family time, build a beautiful wall hanging, and have fun together.

#### **Greenland Kayak Paddle Class** (2 days)

Sept 11 & 12 – 9am to 4pm Register by Sept. 4 Members \$150 + \$20 materials | Non-members \$175 + \$20 materials. Limit 8 students.

From a solid plank, carve a traditional Greenland-style kayak paddle or beavertail canoe paddle sized to fit your size and needs, then finish it with a coating of linseed oil.

#### **Traditional Boatbuilding Class** (12 weeks)

Mondays, Sept 20 to Dec 13 – 6pm to 9pm; Register by Sept. 3 Members \$400 | Non-members \$450 Limit 6 students.

In this weekly class, students will build a traditional cedar-on-oak, flat-bottomed skiff. Instruction and construction will cover everything from lofting the boat to fitting out the interior. No boatbuilding experience necessary, familiarity with shop tools a plus. The finished boat will be sold for the cost of materials at the end of the class.

#### Build a Stitch & Glue Kayak or Canoe (12 weeks)

Wednesdays, Sept 22 through Dec 15 - 6pm to 9pm; Register by Aug. 20 Members \$500 + materials Non-members \$530 + materials Materials costs vary with boat; approximately \$850-\$1000 Limit 8 students.

Build your very own kayak or canoe using stitch and glue kits by Chesapeake Light Craft. Choose from several styles. Shop time is available during the week to make up for a missed class.

#### **Lofting Made Easy** (12 hours over 2 days)

Sept. 25 & 26 – 9am to 4pm; Register by Sept. 18 Members \$125 | Non-Members \$150 Limit 10 students.

The Museum's boatshop manager Kurt Spiridakis will use plain language so students gain a better understanding of boat plans and learn the skills required to loft any small craft from a set of plans. Students will "lay down" the lines of a Whitehall pulling boat, or a vessel of choice (call for details).



#### Shaker Box Making (6 hours over 2 days)

Wednesdays, Dec 8 & 15 - 5pm to 8pm; Register by Nov. 19 Members \$70 | Non-members \$85

Participants will make a nesting set of one to three oval shaker boxes, which can be used as a beautiful holiday present. No woodworking experience necessary; all materials included.

#### Do-It-Yourself (DIY) Boat **Maintenance Series**

Series sponsored by General Dynamics Bath Iron Works.

#### Varnishing Techniques Workshop (2 hours)

Wednesday, May 19 - 6:30pm Members \$50 | Non-members \$65 Limit 10 students.

Local varnishing guru Norm Pfaller will discuss varnishing and oiling basics and familiarize students with various techniques and tricks of the trade. Students will learn the right tools for the job and gain the confidence to get that daysailer up to snuff for the summer season!

#### Fiberglass Repair (2 hours)

Wednesday, May 26 - 6pm; Register by May 24 Members \$50 | Non-Members \$65 Limit 10 students.

Steve Hassett, owner of Custom Composite Technologies in Bath, will lead this seminar on basic fiberglass repair. Students will learn to grind, patch, fair, and gel coat using a sample scrap from Steve's shop.

#### "Things That You Don't Want to **Know About Your Propeller...Or** Maybe You Should" (1 hour)

Saturday, Sept 25 - 10am Members \$20 | Non-Members \$25

Larry A. Kindberg, president of AccuTech Marine Propeller, will cover the basics of marine propellers - from terminology to their development to how they are made and how they are repaired. Other topics will include propeller measurement and the evolution from pitch gages to computerized tuning, and tips for boat owners on inspecting, safely removing and installing new propellers.

### An Exciting New Acquisition

Maine Maritime Museum recently added a unique and interesting addition to its collection.

The Wrecks of the Hesper and Luther Little is a ship model diorama that depicts the two ships as they lay wrecked and abandoned next to a rotting pier in the mud along the bank of the Sheepscot River in Wiscasset, Maine, in 1972. The more than 60-year demise of the two vessels had been witnessed by countless travelers along Maine's primary coastal highway, and some experts speculate that their "lay in state" was the most photographed scene in the region during those years.

Nearly twelve years after their rotting hulks were removed in 1998, many still recall seeing the scene year-after-year as they passed, and inquiries about the history and final disposition of the two ships are still posed to area historians, merchants and residents.

The scene of the two ships in ruins was masterfully recreated by John Gardner of Castine, Maine, a widely acclaimed modeler whose attention to detail is unsurpassed. His work is on view at the Long Island Maritime Museum, the Wilson Museum and the Maine Maritime Academy as well as Maine Maritime Museum and a number of private collections.

The diorama comes to Maine Maritime Museum as a gift from the Libra Foundation.



John Gardner, who built The Wrecks of the Hesper and Luther Little diorama points out a detail of the model to Nathan Lipfert, senior curator for Maine Maritime Museum.

#### **Our Permanent Exhibits**

When was the last time you checked out the galleries?

#### Distant Lands of Palm And Spice: Maine Ships and Mariners in **Deepwater Commerce**

This exhibit focuses on international trade from Maine ports, aboard Maine ships with Maine mariners, giving the visitor an understanding of the impact of foreign trade and life aboard merchant vessels. It includes paintings, models, photographs, cargo items, gear and exotic mementos of shipping families.

#### A Maritime History of Maine

Our core exhibit gives the visitor a broad overview of Maine maritime history, focused on the themes of commerce, fishing, trades, shipbuilding, war, travel and recreation. The exhibit includes our Bath Iron Works presentation, with an incredible model of a destroyer.

#### Lobstering and the Maine Coast

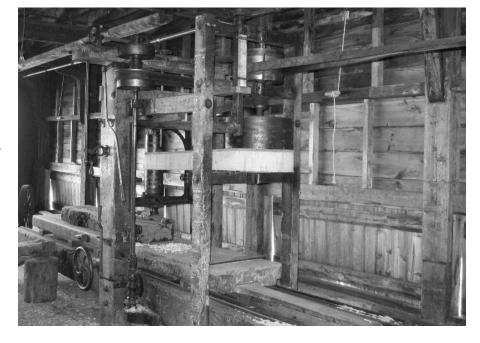
Occupying an entire building, this exhibit tells the real history of lobster fishing in Maine, a relatively recent development, and the importance of canning to this industry. It includes six historic boats that illustrate the evolution of lobster boats over the years.

#### A Shipyard in Maine: Percy & Small and the Great Schooners

Percy & Small is the country's only intact shipyard that built large wooden sailing vessels, including the giant six-mast schooner Wyoming, the largest wooden vessel built in the U.S. The exhibit starts in the Maritime History building then proceeds outside to four original workshops and the shipyard's wharves, building slips, and other structures. In the mold loft, oakum shed, paint & treenail shop, and mill & joiner shop visitors see how the giants of wooden ships were built at the turn of the century.

#### Snow Squall: Last of the American Clipper Ships

Built in South Portland, Maine in 1851, Snow Squall was a full-rig, three-mast clipper ship, designed and built for speed not capacity. She made voyages all over the world, carrying valuable and time dependent cargoes. In 1864, she was heavily damaged trying to round Cape Horn and was abandoned in the Falkland Islands. Through conservation efforts in the 1980s, parts of the Snow Squall were recovered and are now housed at Maine Maritime Museum. They are the only remains of an American clipper ship in existence.





The Rhumb Line 3 11 April 2010



#### Welcome to New Volunteers

Administration Sue Smith

Library Sandy Whitely

Maintenance

**Boatshop** Steve Caulfield Art Dresser

Sean Acord Matt Whittwer Don Strickland Jack Peters Shaun Beard

Curatorial Stuart Hunter Sarah Lake

Hospitality

Dianne Smith

Sherman Zwicker Archie Pelley

#### MARK YOUR CALENDARS

#### Volunteer Welcome Back **Picnic**

Wednesday, June 9 5pm to 7pm

Picnic in Mould Loft or on the Knoll

Bring salad, hot dish, dessert, or your favorite finger food for snacks (and your own lawn chair if you like)

MAINE MARITIME MUSEUM'S

### **Yard Sale**

Saturday, May 22 9am – 3pm South Parking Lot

Items from Volunteers, Members and Museum Offices A great opportunity to pick up quality items for your home

Proceeds to benefit the Volunteer Program

### Museum Volunteers named Preserve America Stewards

Maine Maritime Museum was honored recently when Mrs. Michelle Obama, First Lady of the United States, designated it as one of the nation's newest Preserve America Stewards.

"Preserve America Stewards are committed to preserving America's diverse physical and cultural heritage, and their work demonstrates how individuals who care deeply about serving their country and their communities can make a difference," Mrs. Obama said. "I thank and commend the volunteers of Maine Maritime Museum for protecting our nation's historic treasures, both for your fellow citizens as well as visitors from near and far. You set a wonderful example for our young people, who are the future stewards of our heritage, while also improving the quality of life and economic vitality of our nation."

Since the program's inception in 2008, only 21 organizations nationwide have received the designation. Maine Maritime Museum is one of only two organizations in New England to be named Preserve America Stewards.

The museum received a certificate of designation signed by Mrs. Obama announcing that Maine Maritime Museum is now a Preserve America Steward.

"This designation recognizes the significant impact our volunteers have on the preservation and interpretation of the nationally significant Percy & Small shipyard site where the



museum is located," Amy Lent, Museum executive director said. "Their personal investment of time and talent is a priceless gift to generations of Americans...past, present and future...who worked here or who visit this special place."

Designation as a Preserve America Steward provides national recognition for programs that successfully use volunteers to help care for our historic and cultural heritage. Benefits include use of the Preserve America logo on educational and promotional materials and listing in a webbased directory that showcases Maine Maritime Museum's volunteer efforts to care for its important historic resources for the benefit of present and future generations.

### Jim Swol Honored as Flightline Volunteer of the Year

Many of us are used to seeing Jim Swol on the Museum's grounds, usually on the tractor, hydraulic lift, or lawnmower -or any other piece of equipment that needs a sure hand



and a skilled driver. Jim has a long construction background, and is understandably happy to be around machinery of any sort. Jim contributes well over 250 hours of services at the Museum annually, and it's hard to imagine how we got along before his arrival almost four years ago.

Jim's dedication to the Museum is matched only by his dedication to his other passion - flying. So the MMM staff and volunteers were very pleased to learn that Jim was recently named the Flightline Volunteer of the Year by the Vintage Aircraft Association in Oshkoshi, Wisc. The award cited Jim's commitment and energy to their annual AirVenture event, a fly-in of vintage aircraft, which numbered 2,662 aircraft in 2009. Geoff Robison, president of the Vintage Aircraft Association said, "Jim's a 'can-do' kind of guy, with a great attitude."

Congratulations, Jim. And thanks for bringing yourself and your "tude" to Maine Maritime Museum.

### Items Needed by Hospitality Committee

- · Restaurant quality coffee maker and carafes
- · Cutting Boards -sturdy with color rims for designated purposes
- Knives of all sizes
- Serving and Cooking Pots, Pans and Utensils: serving bowls, platters cooking pots and pans serving and cooking utensils, such as long handled spoons and forks, spaghetti spoon spatulas
  - pie servers
  - cheese servers, etc.
  - Freezer quality storage containers for leftovers
- · A locked cabinet for storage of above items
- Utility cart for moving to and from storage and from kitchen to buffet tables
- More volunteers for kitchen/ hospitality functions

If you can help with any of these items, contact the Volunteer Office at (207) 443-1316 Ext. 350.

## Why I Volunteer

## My Favorite Artifact

#### by Judi Mansfield

Shortly after our family moved to Bath from New York in 1974, Bob and I met a neighbor who was a Museum trustee, and that is how our now-36-year relationship with the Museum began.

Bob and I have volunteered in many ways at the Museum over the years: clearing trees from the then newly



acquired Percy and Small Shipyard, selling tickets, manning the launch tank, hauling floats, giving guided tours, just to name a few. We were deeply involved with the tugboat Seguin project, including helping to build and grease the ways on which she was hauled out of the water. One memorable early morning was spent using our Jeep Wagoneer to attempt to rescue the Seguin which had broken loose, except for one line, from its berth at the Coal Pocket. Museum Director Lyn Snow was aboard and said afterward, "I was sure hoping not to have to ride the boat downriver with the tide."

For the last several years I've been helping to input the Captain's Index onto a database in the library. I find it relaxing, since I enjoy typing, but also fascinating. Every week is another lesson in maritime history. For example, you have no idea how many captains' wives and children were lost with the ships.

However, my favorite Museum assignment is the Sherman Zwicker. For the past 8 or 9 years I have been a Sunday volunteer on the schooner. What could be nicer than spending a summer or fall day on the Kennebec in Bath, talking with visitors from all over the country and the world? Almost everyone enjoys their time on the Zwicker and the visitors keep the job interesting. Conversations can cover anything from the fishing industry, the lives of the fishermen, the ship's construction, to the workings of the engine. Visitors also ask many questions about Bath Iron Works. A highlight last summer was getting to watch a destroyer being launched from the dry dock one Sunday morning. As a retired school teacher, I particularly love chatting with the many children.

I would encourage others to find a way to volunteer. Believe me, you don't have to be an expert in maritime history or be a native Mainer to be a volunteer. What a great opportunity to learn about Bath's heritage, to make friends in the area, and to meet and share information with the people who come aboard.

\*Note: Judi and Bob Mansfield have been volunteers with Maine Maritime Museum for 36 years.

#### by John Way

I find it very difficult to choose my "one and only" favorite artifact, so I'll present my largest and smallest favorites.

At Quartermaster's Day a few years ago I was assigned to a crew placing crushed stone on the dirt floor of one of the boat storage areas. I had trouble concentrating on the task at hand because in front of me was a beautiful and very large steam engine, possibly one of our largest artifacts, at least by weight. This engine powered the tug Seguin, which my curatorial colleague Thatcher Pinkham



wrote about in the November 2008 column. As a child and later as a professor of mechanical engineering, marine and railway steam engines always fascinated me. The upcoming Heavy Metal: Marine Propulsion exhibit brought this impressive machine to mind.

At the other end of the size spectrum, I'm awed by the Stanhope viewers which Curator of Exhibits Chris Hall presented in Notes from the Orlop, No. 12. You can see the "view" from these tiny viewers yourself by clicking on the Orlop link at the bottom of the Museum's web page and going to No. 12. I find it amazing that people were able to accomplish this kind of miniaturization centuries ago. Microscopes had not been around very long when the Stanhope viewers were first produced.

I find new wonders every day I come in to work in the Museum. Not only are the antiquities which were everyday items 100 or more years ago amazing, but the staff who care for them and the volunteers who work in these departments are equally congenial, interesting folks themselves. It's always a pleasure to spend a day with both.

Note: John has been a volunteer with the Museum for nine years. He serves in the Curatorial Department. and Library Archives, is a member of the Volunteer Council, and frequently is called upon in the Volunteer Office for his IT expertise.

## Volunteer Happenings



On Feb. 3, 20 MMM volunteers drove to Augusta for a day at the Capitol, which included a tour of the Governor's residence, Blaine House (see photo), followed by a tour of the State House. After a lunch break in the State House Cafeteria, we met across the plaza at the Maine State Museum for self-guided tours. Few, if any, of us had seen their latest exhibit on the fourth floor - definitely worth the trip.



Captain Chester Hopkins was the featured speaker at the 3rd Annual Volunteer Breakfast. A graduate of Maine Maritime Academy, Capt. Hopkins' broad experience in the maritime industry was apparent as he discussed some of his experiences as Master aboard some of the largest cargo ships afloat. During his career, he was also Ships' Agent in Europe for one of the cargo lines, and is currently a consultant to several maritime industry giants in New York and Europe. He is a member of the volunteer staff at Maine Maritime Museum working on the Museum's waterfront activities, as well as a member of the Volunteer Council.

The Rhumb Line 3 13 April 2010



## Giving to Maine Maritime Museum

#### Honor/Memorial Gifts

December 2, 2009 – January 13, 2010

In Memory of Edmond G. Buron Mr. and Mrs. Ted M. Sherman

In Memory of Crispin Connery

Ms. Patricia Brown and Mrs. John Brady

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Dr. W. Bumper White &

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Ms. Rose Marie Eramo

Ms. Olive B. Guild

Mr. William N. Guild

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Ms. Janice Kauer &

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Ms. Laura I. Pugliese

In Memory of John and Mary Morse Reevy

Ms. Jane P. Morse

In Memory of Donald N.Small, Jr.

Ms. Jane P. Morse

In Memory of Capt. and Mrs. Charles W. Spear

Ms. Jane P. Morse

In Honor of Jean Appleby Johnson

Ms. Katherine Dudley Hoehn

In Honor of John L. Way Richard Way

### Welcome Aboard New and Rejoining Members

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Mr. Roger Batchelder

Mr. Ronald C. Beard and

Mrs. Lillian Beard Harley

Mr. and Mrs. Harry Bickford Mr. Stephen A. Biette

Mr. Alan Bouchard

Ms. June R. Boyce

Mr. H. G. Brack

Ms. Aviva Briefel and Mr. David Hecht

Mr. Norman Brouwer

Mr. Ron Browne and

Mrs. Mary Browne

Ms. Joan Carney

Ms. Sally Morse Castanza

Mr. Pierre Charpentier

Mr. Robert J. Collier

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Ms. Monica Ruth Pattangall

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Ms. Shelby White

Mr. Robert A. Goldsberry

Mr. and Mrs. Thomas S. Hobbs, Jr.

Mr. Barry Innerfield

Mr. and Mrs. Bill Keane

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Cdr. Tate Westbrook, USN

Mr. and Mrs. Andrew Whitman Mr. Nathaniel Williams

Mr. Richard E. Winslow Ms. Frances H. Woodring

Mr. and Mrs. Dean Zeilon Mr. Carl Zeis and Ms. Sarah Harriman

## Members-Only Trip Planned for September

A members-only trip to Downeast Maine and Campobello Island in New Brunswick is scheduled for Thursday, September 23 through Sunday, September 26. Participants will depart Bath in a comfortable touring motor coach so they can enjoy the spectacular views of

harbors and inlets of the Atlantic as well as the early fall

foliage colors of the extensive blueberry barrens.

Highlighting the four-day trip will be the experience of being guests for two days and nights in fully-equipped, formerly private summer cottages of the late 19th Century Arts and Crafts Era at the Roosevelt Campobello International Park on Campobello Island, N.B. Other highlights include a night's stay in Bar Harbor, where the members can visit the Abbe Museum of Maine's Native American Heritage for its exhibits on the history and culture of Maine's Native people, as well as a private tour of the Hinckley Boatyard in Southwest Harbor, to see how these famous boats are designed and built.



The itinerary for the memorable four-day trip has been thoughtfully designed by Miriam and Charles Butts of Travel Seminars to be an enjoyable and leisurely travel experience with people of like interests.

The cost for the trip including transportation, lodging, entrance fees and meals is \$975, plus a voluntary taxdeductible contribution of \$50 to Maine Maritime Museum. Complete itinerary details and tour conditions are available. Contact the Museum at 207-443-1316, extension 0, to learn more.



## Celebrating our Business Partners

### Strouts Point Wharf Company

Located on one of Maine's most secure and scenic harbors – the Harraseeket River in South Freeport, Strouts Point Wharf Company sits on land that has been a shipyard for more than two hundred years. Bought and operated by the Soule family ca. 1820, the Soule Brothers Shipyard built, launched and captained wooden ships until the 1870s. Ted Wengren, heir to the Soule family, continues this family tradition at Strouts Point Wharf

Company by focusing on high-end woodwork, finishing and repair work. With a full time staff of fifteen, Strouts Point is dedicated to the art and craft of boat construc-



tion and repair in state of the art facilities.

WHARE

COMPAN

Intentionally giving off the appearance of an indigenous old-time Maine boatyard, Strouts Point has that friendly atmosphere one associates with Maine – at the same time, it is a functional, modern, wellconstructed, well-equipped



yard capable of all tasks. While its specialty is wooden boat repair and construction, in particular the Concordia yawl, they offer outstanding repair and mechanical services of all kinds, all done to ABYC standards. They have the ability to work on twelve 48-foot boats at once in climate controlled shops. They take pride in their ability to pay attention to the details; projects and customers will never get lost in the shuffle.

In addition to Strouts Point's 120-slip marina and first-class dock-system, year-round services include wooden boat repair and construction, Honda outboard sales, fiberglass repair, gas and diesel mechanical work, cabinet work and yacht joinery, rigging, electronics, wiring of all kinds, paint systems and a specialty, varnishing, is second to none, one can also find summer services that include a marine travel lift, overnight dockage, moorings and gas/diesel and ice sales. With excellent equipment, ample space and parking, and experienced, consistent and detail-oriented staff who care about what they do, Strouts Point has established a reputation as a talented and versatile service facility.

Strouts Point Wharf Co. is proud to continue to carry on the Soule Brothers Shipyard and Wengren family's heritage. Strouts Point is proud to be a Business Partner with Maine Maritime Museum and supports the Museum's efforts to preserve this history and promote Maine maritime traditions.

### Please support the businesses that support MMM!

Here's an easy way to support the activities, events and programs of Maine Maritime Museum – when you are making a purchase, getting a repair, dining out, recommending lodging for a visiting friend or colleague, filling your tank, or scores of other activities and transactions, look first to the Museum's Business Partners. Our Business Partners are active, contributing members of our community, state and region. By supporting their businesses you are supporting so much more.

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Maine Antique Dealers Association
Now You're Cooking: A Cooks Emporium
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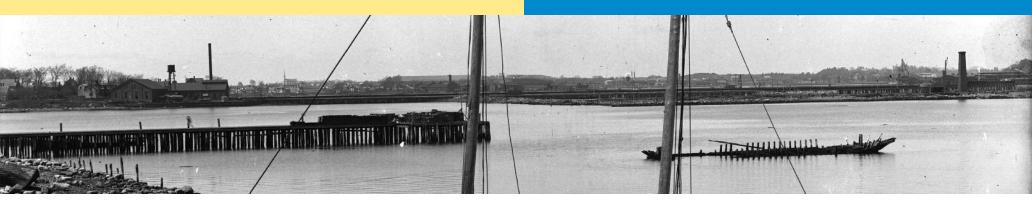
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To learn more about the Business Partner Program contact Randall Wade Thomas at 207.443.1316 x 344 or development@MaritimeME.org

The Rhumb Line 🐧 15

### The Puzzler



### Puzzler Solved

This picture of Portland Harbor, taken by Captain Frank A. Wilson (1879-1956) and published as the

Puzzler in issues 58 (July 2009) and 59 (October 2009), kept a number of you working for quite some time. I think we finally have our answer, thanks to the sharp eyes of Dick Roberge and the legwork of Jim Millinger. It turns out, Dick Roberge was right from the beginning. Here's how it breaks down.

You are standing near the dead end of West High Street in South Portland, looking roughly west. To the right is the engine house and square stack of the Portland Dry Docks, as Tad Lyford originally thought. Across the picture extends the Portland Bridge, connecting Knightville in South Portland with the foot of Clark Street in Portland. This bridge was replaced in 1916 by the Million Dollar Bridge and much later by the Casco Bay Bridge.

The cluster of buildings in the left of the picture probably include the Finnan

Haddie Smoke House that stood at the tip of the Knightville peninsula at the turn of the last century. Just to the right of those buildings, but more distant, is the First Methodist Church on Brown's Hill, still in South Portland. Just before the foremast of the little schooner can be seen (in the original glass plate) another distant cluster of industrial buildings are the round house and shops of the Boston & Maine Railroad's Eastern Division, on Turner's Island, also South Portland. Behind these buildings is the dimly-seen long roof of the Clark & Chaplin ice house on the next peninsula (Clark Street is still there, to the northeast of Cash Corner).

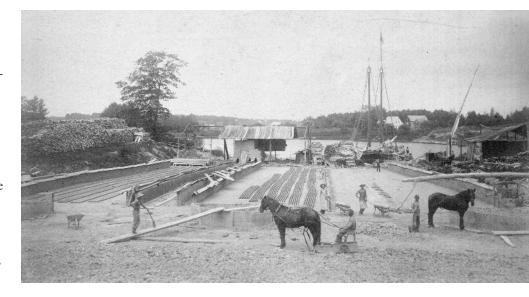
I think we have gone into this in enough detail to be sure, now. Many thanks to Dick Roberge, Jim Millinger, Tad Lyford, and the others who also worked on the picture but were wrong. If you have additional opinions to express, please contact senior curator Nathan R. Lipfert, 207-443-1316, ext. 328, or lipfert@maritimeme.org, or drop a card in the mail.

A New Puzzler

This great old albumen print came to us from Dr. Charles E. Burden, as do many of our unidentified yet interesting photographs. It shows an active riverside brickyard with all its gear, its piles of cordwood, and kilns down by the water, under temp

with all its gear, its piles of cordwood, and kilns down by the water, under temporary roofs. It is probably a warm summer day, since the brick makers are in their shirtsleeves, and some are wearing broad-brimmed hats. A schooner is at the wharf, probably loading brick, since there seems to be a pile of brick on the wharf. To the right of the schooner, a stubby mast with a long angled yard sticks up, the vessel's hull hidden by the wharf. It appears to be the lateen rig of a Piscataqua gundalow, a lighter designed for passing under the many bridges of the convoluted waterways of the lower Piscataqua River and the Great Bay.

An albumen print could have been taken anytime between 1855 and 1920. This one looks like 1870s or 1880s. Can anyone tell us the details of when and where and who? If you can help, please contact senior curator Nathan R. Lipfert, 207-443-1316, ext. 328, or lipfert@maritimeme.org, or drop a card in the mail.



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#### Shipwright

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